

RECEIVED

NOV 18 2004

Technology Center 2600



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of : Confirmation No. 3618
Takashi YOSHIDA et al. : Docket No. 2001_0931A
Serial No. 09/892,741 : Group Art Unit 2621
Filed June 28, 2001 : Examiner Hussein Akhavannik
RENDERING DEVICE Mail Stop Amendment

SUBMISSION OF REPLACEMENT FORMAL DRAWINGS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with Patent Office practice, submitted herewith are Replacement Formal Drawings (4 sheets, A4 paper) in which the word "rudder" has been changed to --steering-- in each of Figs. 1, 13 and 16, and item "8" has been changed to --9-- in Fig. 9.

Respectfully submitted,

Takashi YOSHIDA et al.

By



Thomas D. Robbins
Registration No. 43,369
Attorney for Applicants

TDR/abm
Washington, D.C. 20006-1021
Telephone (202) 721-8200
Facsimile (202) 721-8250
November 15, 2004

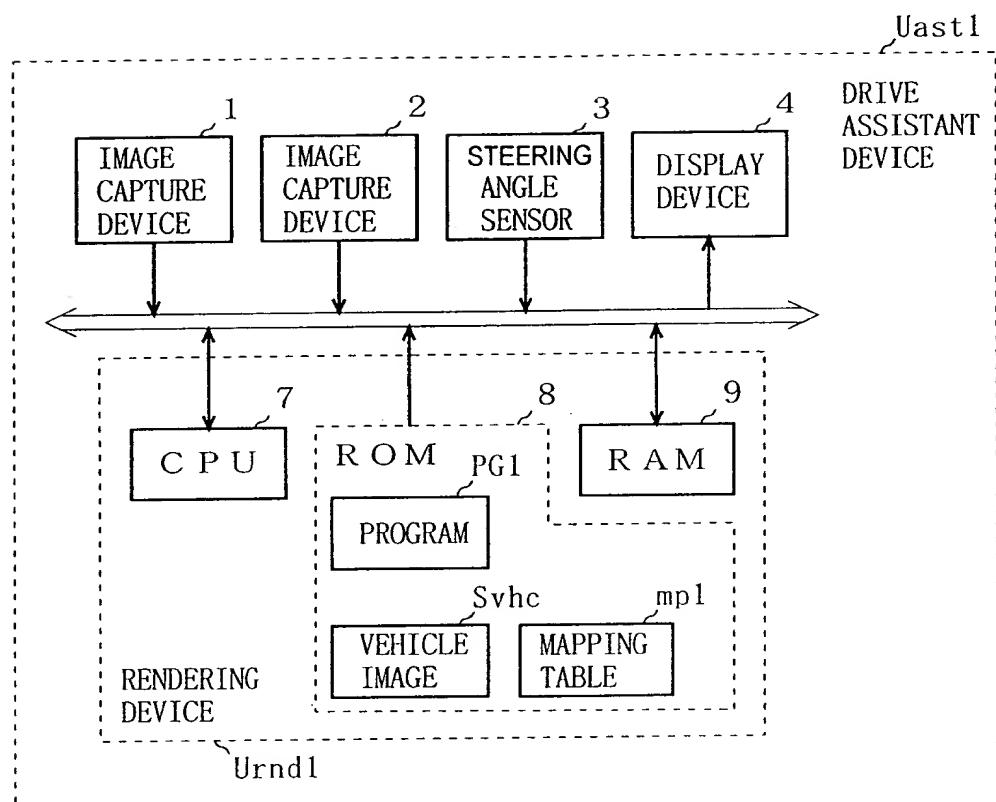
NOV 15 2004

RECEIVED

NOV 18 2004

Technology Center 2600

F I G. 1



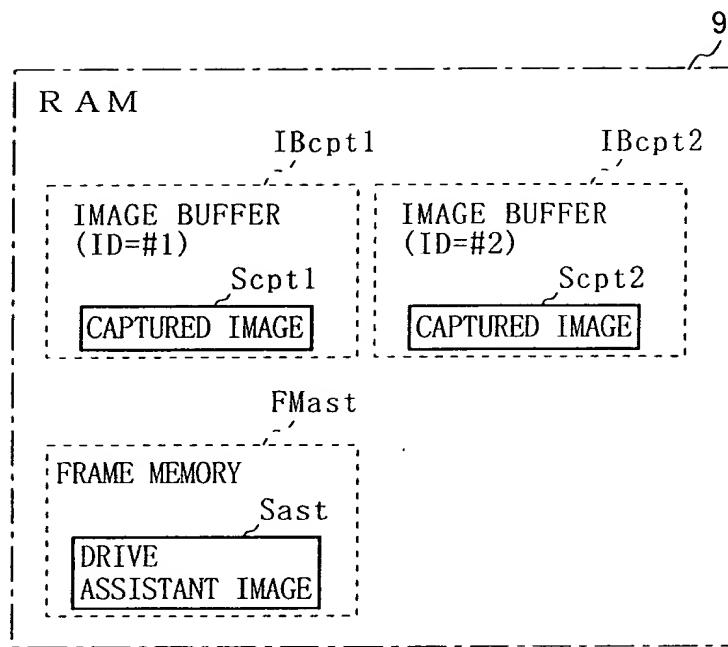
NOV 15 2004
PATENT & TRADEMARK OFFICE
U.S. DEPARTMENT OF COMMERCE

RECEIVED

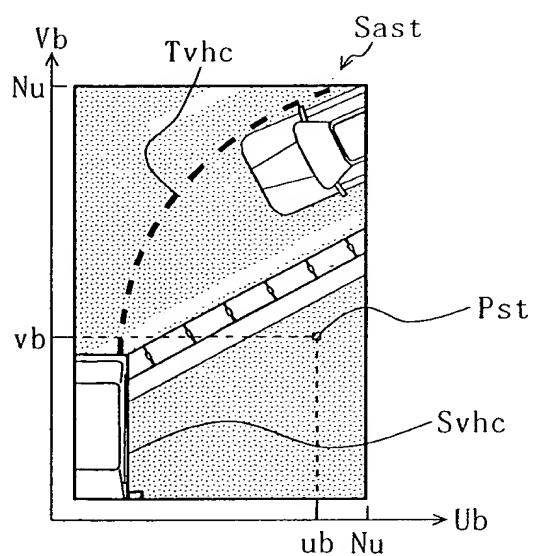
NOV 18 2004

Technology Center 2600

F I G . 9



F I G . 1 0





RECEIVED

NOV 18 2004

Technology Center 2600

FIG. 13

Tmp

RECORD TYPE Trcd	COORDINATE VALUES (ub, vb)	ID NUMBER ID	COORDINATE VALUES (ua, va)	STEERING ANGLE RANGE Rrng	BLENDING RATIO Rbrd
⋮	⋮	⋮	⋮	⋮	⋮
1	(501, 109)	#2	(551, 303)	-	1
⋮	⋮	⋮	⋮	⋮	⋮
2	(324, 831)	#1	(1011, 538)	Rrng1; $0 \leq \rho \leq \rho_{th}$, $\rho_{th} = \Delta \rho$	Rbrd1=0
				Rrng2; $\rho_{th} < \rho$, $\rho_{th} = \Delta \rho$	Rbrd2=1
		#2	(668, 629)	Rrng1; $0 \leq \rho \leq \rho_{th}$, $\rho_{th} = \Delta \rho$	Rbrd3=1
				Rrng2; $\rho_{th} < \rho$, $\rho_{th} = \Delta \rho$	Rbrd4=0
⋮	⋮	⋮	⋮	⋮	⋮
2	(971, 1043)	#1	(1189, 999)	Rrng1; $0 \leq \rho \leq \rho_{th} (= 2 \times \Delta \rho)$	Rbrd1=0
				Rrng2; $\rho_{th} (= 2 \times \Delta \rho) < \rho$	Rbrd2=1
		#2	(1135, 798)	Rrng1; $0 \leq \rho \leq \rho_{th} (= 2 \times \Delta \rho)$	Rbrd3=1
				Rrng2; $\rho_{th} (2 \times \Delta \rho) < \rho$	Rbrd4=0
⋮	⋮	⋮	⋮	⋮	⋮

Nu × Nv
(PIXEL)



FIG. 16

